

Model 9860 TEDS High Speed Self-Configuring Digital Indicator

- Sample rate 120 readings per second
- 4 limit setpoints with solid s/h relays
- Programmable analog output, ± 10 VDC and 4–20 mA, 2000 Hz bandwidth
- 5 digit (with dummy zero) bipolar LED display
- Nonlinearity $< \pm 0.01\%$
- Front panel shunt calibration
- Peak and valley monitoring
- Remote and front panel tare
- Powers four 350 ohm load cells
- Designed for CE compliance
- Bidirectional RS-232
- Automatic TEDS calibration



ACCESSORIES

Bench top enclosure
Cable



SPECIFICATIONS

EXCITATION

Excitation Voltage 5, 10 VDC
switch selectable (internal)
Current 60, 120 mA respectively

PERFORMANCE

Maximum Display Range $\pm 99,999$
Display Update 5/sec
Internal Resolution $\pm 32,768$ counts
Signal Input Range ± 25 mV, ± 50 mV (switch selectable)

Sensitivity $0.8 \mu\text{V}/\text{count}$
Readings Per Second 120
Maximum Error 0.01% of reading

± 1 count
CMR 120 dB
Scalable Analog Output ± 10 VDC and 4–20 mA (self-calibrating)

RS232 Output

ENVIRONMENTAL

Operating Temperature 14 to 122°F
–10 to 50°C
Relative Humidity – MAX 90% at 104°F, non-condensing

POWER

AC 100 to 250 VAC
50–60 Hz
Power Consumption 6 watt

MECHANICAL

Size 3.78" W \times 1.89" H \times 5.1" D
(96mm \times 48mm \times 130mm)
Weight 1.3 lb (575g)
Display LED 14 segment, 0.4" H
Panel Cutout 3.62" W \times 1.77" H
(92mm \times 45mm)

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